



US00RE36377E

United States Patent [19]
Gilbert

[11] E

Patent Number: Re. 36,377[45] **Reissued Date of Patent: Nov. 9, 1999**[54] **COLLAPSIBLE CONTAINER**[76] **Inventor: Neil Y. Gilbert, 137 Highland Ct.,
River Vale, N.J. 07675**[21] **Appl. No.: 08/753,060**[22] **Filed: Nov. 20, 1996**

4,610,366	9/1986	Estes et al.	220/672 X
4,773,458	9/1988	Touzani .	
4,775,564	10/1988	Shriver et al.	220/666 X
4,790,361	12/1988	Jones et al. .	
4,943,780	7/1990	Redding .	
4,955,493	9/1990	Touzani .	
5,100,017	3/1992	Ishinabe et al. .	
5,174,458	12/1992	Segati .	
5,201,438	4/1993	Norwood .	

Related U.S. Patent Documents

(List continued on next page.)

Reissue of:

FOREIGN PATENT DOCUMENTS

[64] **Patent No.: 5,370,250**
Issued: Dec. 6, 1994
Appl. No.: 08/154,704
Filed: Nov. 18, 1993

408929A2	1/1991	European Pat. Off. .
408929A3	1/1991	European Pat. Off. .
528754A1	2/1993	European Pat. Off. .
644121A1	3/1995	European Pat. Off. .
722888A1	7/1996	European Pat. Off. .
2259754	8/1975	France .
2316132	1/1977	France .
2504095	10/1982	France .
2607109	5/1988	France .
53-143485	12/1978	Japan .
551036	3/1993	Japan .
WO9405555	3/1994	WIPO .

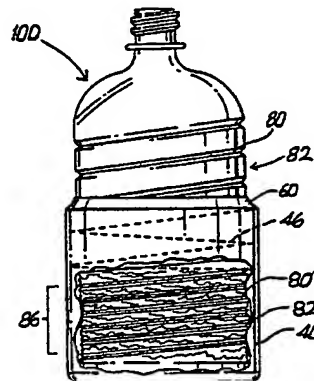
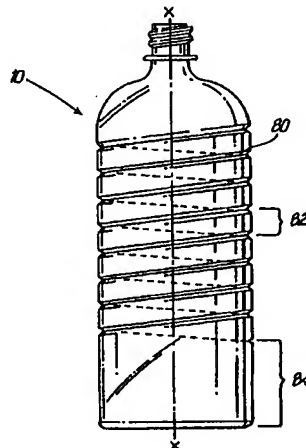
U.S. Applications:

[63] **Continuation-in-part of application No. 07/823,169, Jan. 21,
1992, Pat. No. 5,269,428.**[51] **Int. Cl.⁶ B65D 35/28; B65D 35/56**[52] **U.S. Cl. 215/382; 215/395; 220/666;
220/672; 220/675; 222/95; 222/105; 426/111;
426/394**[58] **Field of Search 220/666, 669,
220/670, 672, 673, 675, 907, 720; 215/11.3,
382, 376, 395; 222/95, 105; 426/111, 394****OTHER PUBLICATIONS**The Wall Street Journal, Wed. Aug. 11, 1993: "Pepsi Puts
Spotlight on New Packaging," pp. B1 and B6.*Primary Examiner*—Allan N. Shoap*Assistant Examiner*—Niki M. Eloshway*Attorney, Agent, or Firm*—Neil Y. Gilbert[56] **References Cited****U.S. PATENT DOCUMENTS**

D. 381,558	7/1997	Schaefer et al. .
2,899,110	8/1959	Parker .
3,155,281	11/1964	Stracey .
3,438,578	4/1969	Peterson et al. .
3,872,994	3/1975	Hyde .
3,873,003	3/1975	Seiferth et al. .
3,918,603	11/1975	Hatada .
4,044,836	8/1977	Martin et al. .
4,213,933	7/1980	Cambio .
4,316,551	2/1982	Belokin, Jr. .
4,324,340	4/1982	Belokin, Jr. .
4,386,926	6/1983	Heller .
4,438,856	3/1984	Chang .
4,456,134	6/1984	Cooper .
4,492,313	1/1985	Touzani .
4,572,412	2/1986	Brach et al. .

[57] **ABSTRACT**

A collapsible container is disclosed having a top portion and a base portion joined by a generally cylindrical side wall structure, the generally cylindrical side wall structure has a central axis and a collapsible helical portion and the collapsible helical portion has a generally uniform radius and a generally flat side cross sectional shape with respect to the central axis. A cup section is also disclosed which can cause deformation of the collapsible container's side wall. The container is particularly suitable to store carbonated beverages and other consumer products.

65 Claims, 4 Drawing Sheets

U.S. PATENT DOCUMENTS

5,209,372	5/1993	Norwood .	5,269,428	12/1993	Gilbert .
5,236,204	8/1993	Hempel .	5,310,068	5/1994	Saghri .
5,238,129	8/1993	Ota .	5,407,093	4/1995	McGill et al. .
5,238,150	8/1993	Williams .	5,441,174	8/1995	Sperry .
5,240,130	8/1993	Osbakk .	5,518,046	5/1996	Furukawa et al. .
5,244,105	9/1993	Serre .	5,632,397	5/1997	Fandoux et al. .
			5,642,826	7/1997	Melrose .